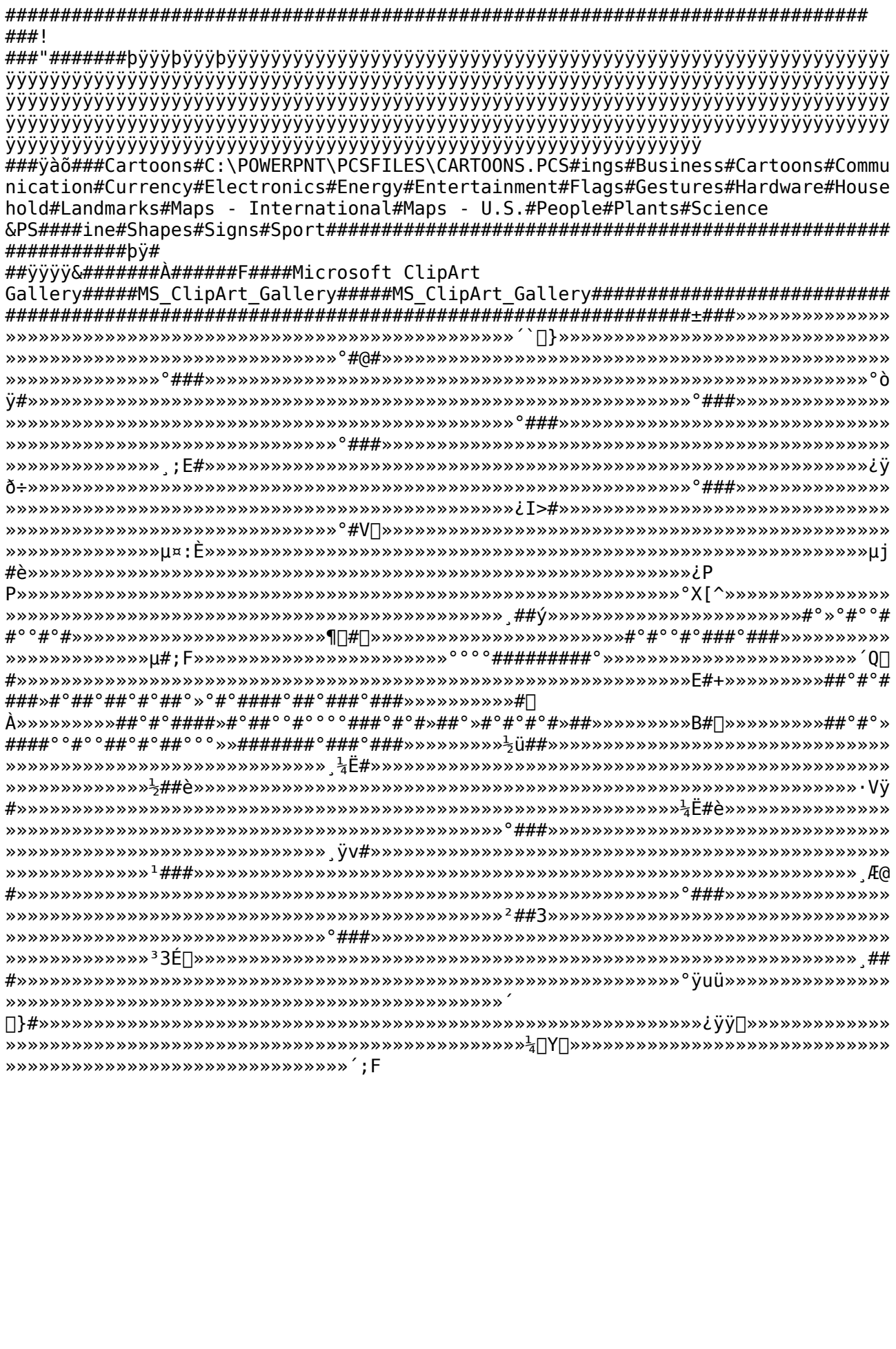

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########Ñ###Note: Students should have read Tab M, SPO Handbook prior to this lesson.Discuss overview of MDMP from FM 101-5.

Ensure students understand the FSB (SPO) input to the Bde MDMP and the application of MDMP to the FSB staff.NTC/JRTC support the SPO working w/ the Bde S4 at the Bde TOC during planning.Review the GW Scenario and how we integrate the LOG Estimate process into GW.   - Using GW as an example, discuss the status of Div and Bde staff planning. #

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MISSION ANALYSIS Approve restated mission. State commander□s intent. Issue commander□s guidance

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Review Ch 5, MDMP, FM 101-5.- MDMP concept and overview- Role of the Cdr and staff- Discuss staff inputs and outputs- Ensure students understand the FSB (SPO) input to the Bde MDMP and the application of MDMP to the FSB staff.- Ensure students understand the difference between COA development, analysis, and comparison.

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þ;#ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########ª###1. Receive the Mission2. Issue Warning Order3. Make a Tentative Plan4. Initiate Movement5. Reconnoiter6. Complete the Plan7. Issue the Order8. Supervise and Refine

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Ãûÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########4###Troop Leading Procedures#&#Estimate of the Situation

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########Ü###Discuss the old TDMP concept of three variations (DDMP, CDMP, and QDMP) and the current concept of a single, analytical process, the MDMP.Discuss the criterion on the center of the slide and how they affect the MDMP.

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Review the criticality of involvement by logisticians during mission analysis. Review Mission Analysis Considerations, Tab M, p. M 15, SPO Handbook.Reinforce: - Importance of understanding the maneuver cdr□s guidance - Understanding what□s important to logisticians   - What are the support implications? - Define: Specified Tasks: Tasks units must perform to successfully perform the higher cdr□s mission. (Tell them where to find these tasks)Implied Tasks: Not specified in the order, but units must accomplish implied tasks in order to accomplish specified tasks.   Essential Tasks: Tasks units must perform to successfully accomplish not only the unit□s mission, but the mission of the higher cdr. Note: The maneuver unit will determine tasks for the maneuver unit. The SPO should also be determining the tasks for the FSB; used in the FSB□s MDMP.Facts: Statements of known data concerning the situationAssumptions: Suppositions about the current or future situation that are assumed to be true in the absence of facts. Assumptions are replaced w/facts as soon as possible.

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Review Mission Analysis Considerations, Tab M, p. M 15, SPO Handbook.Timelines   1/3 2/3 rule, day vs. night   Remember the 1/3 allocation of time (higher HQ) includes all staff actions, i.e. OPORD issue, rehearsals, back and confirmation briefs, and driving time for subordinates to attend each of the above. Don□t short your subordinate units by using up their time for these events.Also, timelines include two types:

1) Timelines used in the operation   2) Timeline for planning (XO mngt)

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´#ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########W###A LOGICAL AND SYSTEMATIC APPROACH TO THE LOGISTICS REQUIREMENTS FOR THE COA OR MISSION#

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      #############ÿ□#ÿÿd#########d#########¬###Review the Log Estimate format from Tab M, p M-34, SPO Handbook. This is a format from SOC. It is not the same as the FM 101-5 format.Remember the Log Estimate looks at the □what□. What must be done to support the mission of the supported unit.The planning for Concept of Support will look at □how□ the support battalion will accomplish it□s mission.As a minimum the SPO and Bde S4 should estimate critical requirements.

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#########d#########□### LOGISTICS ESTIMATE TO COA 11. MISSION2. COMMANDER□S
INTENT3. SPECIFIED, IMPLIED AND ESSENTIAL TASKS4. FACTS AND ASSUMPTIONS A

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Put the supported unit□s mission and cdr□s intent on the first page of the Log Estimate.Facts and assumptions should be organized by phase for simplicity. Also, students can omit facts and assumptions from the base document and list them instead in each of the supporting annexes. .

###ÿÿ#####ÿ□#ÿÿd#########d#########L### LOGISTICS ESTIMATE TO COA 15. LOGISTICS
SITUATION: a. MAN/SUSTAIN: ANNEX A b. ARM: ANNEX B c. FUEL:
ANNEX C BRIEFLY ADDRESS d. FIX: ANNEX D ANY
MAJOR CONCERNS e. MOVE: ANNEX E6. CONCLUSION: IS THE MISSION
SUPPORTABLE? WHAT ARE THE MAJOR CONCERNS?

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Second part of the base document.Don’t do para 5 until after the supporting annexes are complete. The intent is to take the major concerns or critical shortfalls from each annex and list them in para 5 of the base document. This provides a quick reference for the important data.#

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FOR EACH ANNEX:CAPABILITIES: SHOW CURRENT STATUS AND CAPABILITIES FOR EACH CLASS OF SUPPLY TO BE COVERED. REQUIREMENTS: SHOW ESTIMATED REQUIREMENTS.SHORTFALLS: DISCUSS SHORTFALLS; WHEN THEY WILL OCCUR, THEIR IMPACT ON THE MISSION, AND POSSIBLE WAYS TO OVERCOME THEM.#

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Capabilities can be tracked or are known at any given point in time. State these before requirements. Additionally, students must understand that capabilities change during the operation. The capabilities stated in ST 101-6, G1/G4 Battlebook, occur in a static, operational BSA (for FSBs).   Consider what the units are doing at a given time and the impact of that action of the ability of the unit to operate at the stated capability. Requirements may be stated in a narrative or matrix fashion, or a combination of both.Use OPLOGPLN, the CSS estimation spreadsheet, manual calculations, or a combination of all three to reach valid requirements based upon doctrinal profiles.Shortfalls provide information for units supporting your support battalion. They should also be used during COA comparison. The shortfalls provide the SPO and Bde S4 with logical, analyzed data to support comparing COAs and reaching a meaningful recommendation for the maneuver commander. ¼

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âÿ#############ÿ□#ÿÿd#########d#########m###MAN:  COVER PERSONNEL LOSS USING THE
LOSS WORKSHEET FOCUS ON FSMC/BAS WORKLOADAND EVACUATION REQUIREMENTS#
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#############ÿ□#ÿÿd#########d#########ñ###Remember to consider the type of operation and actions/capabilities of the FSB (or support battalion) at a specific point in time. Identification of the logistical culminating point helps to focus the effort.Arm: Usually a matrix works best. Consider requirements on the ATP. Apply logic to the estimated requirements from OPLOGPLN, i.e. review the enemy situation to cross-walk the ammunition expenditures on common DODICs (tank rounds).Students must analyze CSR and RSR using the same units of measure. CSR is always stated in rounds per weapon per day. OPLOGPLN computes the requirement for a specific DODIC totaling all weapon systems in a user defined task organization. Ensure the CSR vs. RSR comparison is in rounds per weapon per day.#

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ú#ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########©###SHOW CRITICAL COMBAT SYSTEMSAND
THEIR LOSSES AND RETURNS BY PHASE. MAINTENANCE PRIORITIES, CRITICALCLASS IX
SHORTAGES, & OTHER AREASTHAT MIGHT IMPACT MAINTENANCE. #
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      #############ÿ□#ÿÿd#########d#########Î###Break fuel requirements into
manageable pieces.  Use the fuel tracking matrix concept.For GW use a planning
rate of 25 km in an hour during movement.Remind students to synchronize profiles
in annexes.
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Sÿÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########¡###CONSOLIDATE MOVEMENT REQUIREMENTS.
SHOW SHORTAGES BY PALLET OR SHORT TONS, LIFT PRIORITIES, HET REQUIREMENTS.
ADDRESS MSR CONDITION & TIME DISTANCE FACTORS. #
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Consolidate transportation requirements in the Move Annex. Ensure they identify when a transportation requirement occurs.Consider time, distance and type of operation and the impact of these criterion on how your unit supports and others support or augment you.

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#ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########3###MISSION ANALYSIS:           DERIVES
SPECIFIED, IMPLIED AND ESSENTIAL         TASKS FROM HIGHER HQ ORDERS
      FORMULATES COMMANDERS MISSION STATEMENT        COA DEVELOPMENT IS DONE
AFTER MISSION          ANALYSIS          GIVES THE COMMANDER AVAILABLE OPTIONS
GO THROUGH EACH BOS FOR EACH PHASE OF A COADO A LOGISTICS ESTIMATE FOR EACH COA#
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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########Ê###For GW Log Estimate. Decide on a common timeline between the three groups for the operation. Use the backward planning process to plan the use of available time for completing the Log Estimate. Hand out the Log Estimate timeline sheet (one per group) an explain to students.Review requirements of the students.A detailed, systematic Log Estimate give the logistician legitimate imput to the Bde wargaming process (COA analysis) and COA comparison.